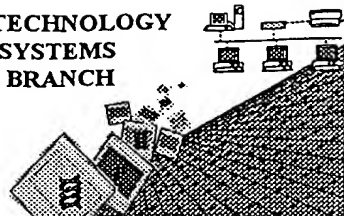


BIOTECHNOLOGY  
SYSTEMS  
BRANCH



**RAW SEQUENCE LISTING**  
**ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/857,524  
Source: P4/09  
Date Processed by STIC: 7/15/2002

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FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or phone 703-306-4119 (R. Wax)

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Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

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U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7<sup>th</sup> Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202  
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Revised 01/29/2002



PCT

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/857,524

DATE: 07/15/2002  
TIME: 12:09:01

Input Set : A:\PTO.VSK.txt  
Output Set: N:\CRF3\07152002\I857524.raw

3 <110> APPLICANT: E. I. du Pont de Nemours and Company  
5 <120> TITLE OF INVENTION: Membrane-Bound Desaturases  
7 <130> FILE REFERENCE: BB1264  
E--> 9 <140> CURRENT APPLICATION NUMBER: US/09/857,524  
10 <141> CURRENT FILING DATE: 2002-06-21  
12 <150> PRIOR APPLICATION NUMBER: 60/110,784  
W--> 13 <151> PRIOR FILING DATE: 1998-December-03 1998-12-03 ← use this date format  
15 <160> NUMBER OF SEQ ID NOS: 17  
17 <170> SOFTWARE: Microsoft Office 97

Does Not Comply  
Corrected Diskette Needed

## ERRORED SEQUENCES

987 <210> SEQ ID NO: 14  
988 <211> LENGTH: 38 35 shown  
989 <212> TYPE: DNA  
990 <213> ORGANISM: Artificial Sequence  
992 <220> FEATURE:  
993 <223> OTHER INFORMATION: Definition of Artificial Sequence: PCR primer for 5' of  
pk0011.d5  
995 <400> SEQUENCE: 14  
E--> 996 ttgcgcccg caaatcaatg gaagaagcaa agaag  
1082 <210> SEQ ID NO: 17  
1083 <211> LENGTH: 114  
1084 <212> TYPE: PRT  
1085 <213> ORGANISM: Triticum aestivum  
1087 <400> SEQUENCE: 17  
1088 Met Pro Ala Ala Ser Lys Asp Ala Ala Asp Val Arg Met Ile Ser Thr  
1089 1 5 10 15  
1091 Lys Glu Leu Gln Ala His Ala Ala Ala Asp Asp Leu Trp Ile Ser Ile  
1092 20 25 30  
1094 Ser Gly Asp Val Tyr Asp Val Thr Pro Trp Leu Arg His His Pro Gly  
1095 35 40 45  
1097 Gly Glu Val Pro Leu Ile Thr Leu Ala Gly Gln Asp Ala Thr Asp Ala  
1098 50 55 60  
1100 Phe Met Ala Tyr His Pro Pro Ser Val Arg Pro Leu Leu Arg Arg Phe  
1101 65 70 75 80  
1103 Phe Val Gly Arg Leu Thr Asp Tyr Thr Val Pro Pro Ala Ser Ala Asp  
1104 85 90 95  
1106 Phe Arg Arg Leu Leu Ala Gln Leu Ser Ser Ala Gly Leu Phe Glu Arg  
1107 100 105 110  
1109 Val Gly  
E--> 1111 19  
delete

Use of n and/or Xaa has been detected in the Sequence Listing.  
Review the Sequence Listing to insure a corresponding  
explanation is presented in the <220> to <223> fields of  
each sequence using n or Xaa.

VERIFICATION SUMMARY  
PATENT APPLICATION: US/09/857,524

DATE: 07/15/2002  
TIME: 12:09:02

Input Set : A:\PTO.VSK.txt  
Output Set: N:\CRF3\07152002\I857524.raw

L:9 M:270 C: Current Application Number differs, Replaced Application Number  
L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:13 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD  
L:52 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:1  
L:52 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:1380  
L:353 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:5  
L:353 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:480  
L:355 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:5  
L:355 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:600  
L:356 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:5  
L:356 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:660  
L:357 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:5  
L:357 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:720  
L:358 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:5  
L:358 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:780  
L:359 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:5  
L:359 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:840  
L:421 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:6  
L:421 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:160  
L:427 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:6  
L:427 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:192  
L:436 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:6  
L:436 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:240  
L:996 M:252 E: No. of Seq. differs, <211> LENGTH:Input:38 Found:35 SEQ:14  
L:1067 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:16  
L:1067 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:0  
L:1075 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:16  
L:1075 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:480  
L:1078 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:16  
L:1078 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:660  
L:1079 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:16  
L:1079 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:720  
L:1080 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:16  
L:1080 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:780  
L:1111 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:17